

SWP Water Quality Summary

April 16 to 23, 2008

Total Dissolved Solids: TDS increased at Banks Pumping Plant (BPP), Devil Canyon, and Vallecitos, but decreased at Checks 29, 41 and Barker Slough. Concentrations ranged from 235 mg/L to 315 mg/L (392 uS/cm to 525 uS/cm) and remained below the Article 19 Monthly Average Objective of 440 mg/L. The highest concentration of 315 mg/L (525 uS/cm) occurred at BPP while the lowest concentration of 235 mg/L (492 uS/cm) occurred at Check 29 on April 23, 2008. Concentrations increased at BPP from 305 mg/L to 315 mg/L (508 uS/cm to 525 uS/cm), this week.

Bromide: Concentrations remain above the California Bay Delta Authority (CBDA) Objective of 0.05 mg/L project wide, ranging from 0.17 mg/L to 0.28 mg/L. As of April 23, 2008, Check 29 had the lowest concentration of 0.17 mg/L, followed by Devil Canyon with 0.23 mg/L while the highest concentration of 0.28 mg/L occurred at BPP and Vallecitos. The concentration at BPP increased slightly from 0.27 mg/L to 0.28 mg/L as of April 23, 2008.

Turbidity: Turbidity levels increased slightly at BPP from 13 NTU to 14 NTU, from 2 NTU to 3 NTU at Check 29, from 5 NTU to 6 NTU at Check 41, from 34 NTU to 40 NTU at Barker Slough, from 10 NTU to 19 NTU at Vallecitos, but did not change at Devil Canyon and remain at 2 NTU.

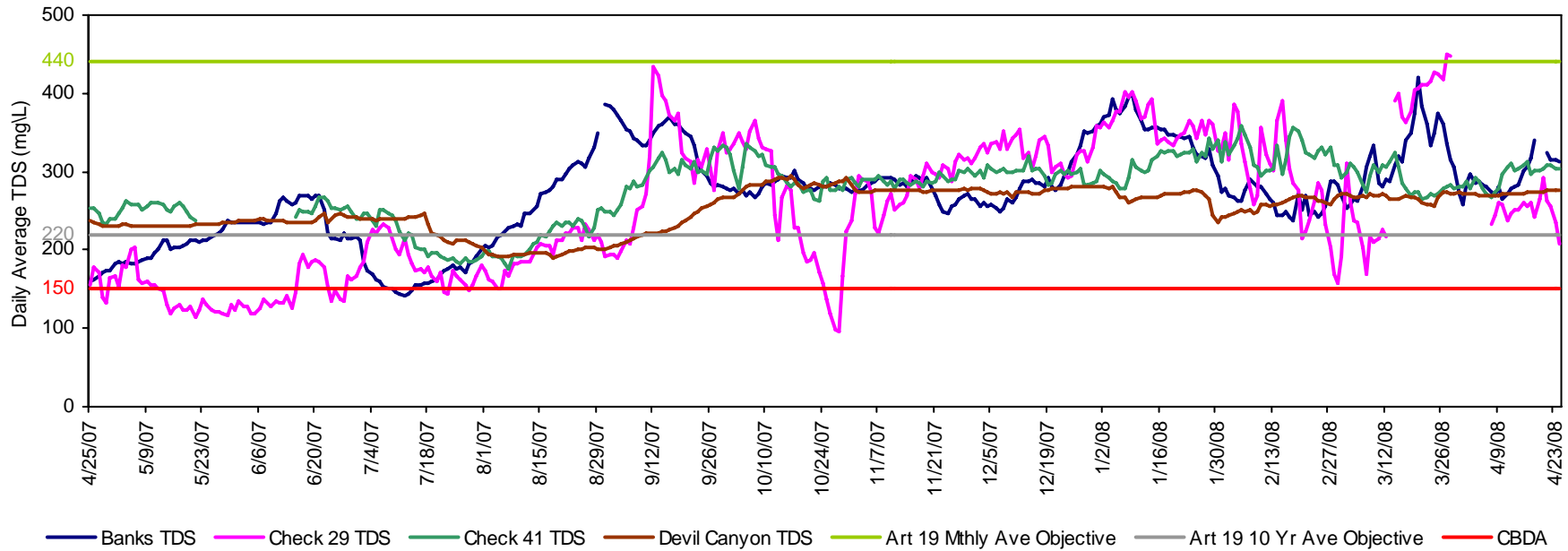
Dissolved Organic Carbon: Concentration decreased at BPP from 4.7 mg/L to 4.3 mg/L, but increased from 3.9 mg/L to 4.0 mg/L at Check 13, and from 3.4 mg/L to 3.9 mg/L at Edmunston, this week.

Taste and Odor Compounds: MIB and geosmin were generally low project wide, this week. They ranged from non-detect to 13 ng/L at Clifton Court, BPP, O'Neill Outlet, Check 41, Del Valle Check 7, Pacheco Pumping Plant, and Castaic Lake. The highest concentration of 13 ng/L occurred at Check 41 on April 22, 2008.

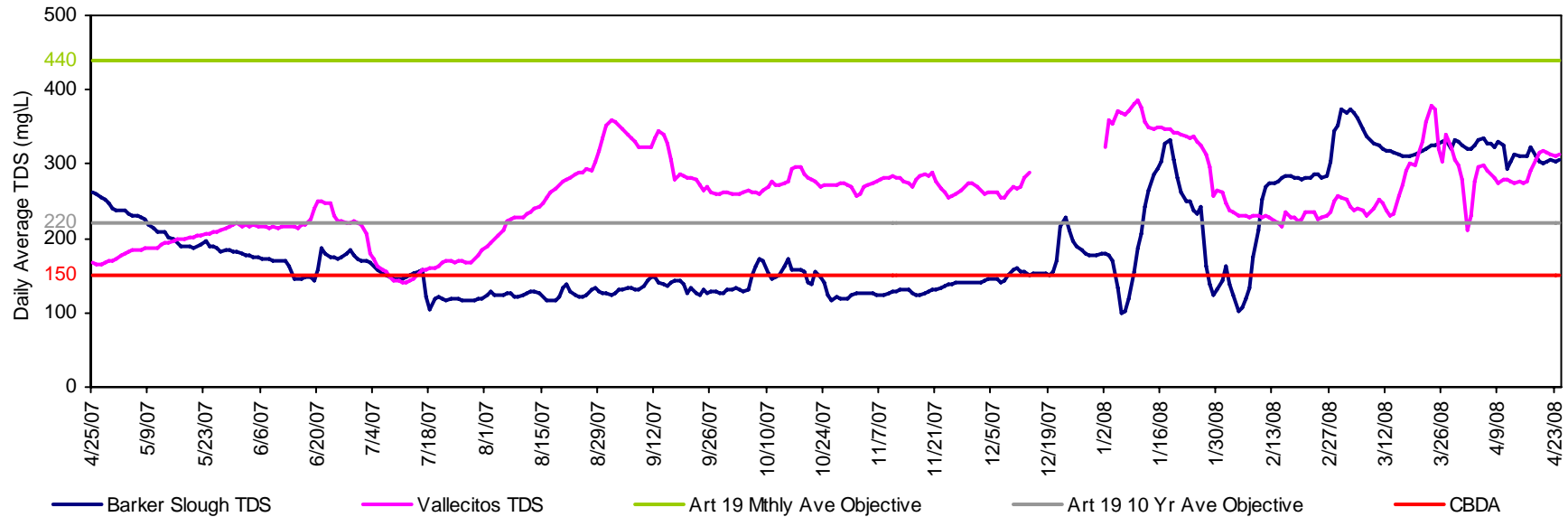
Note:

The intent of the weekly water quality (WQ) summary is to acquaint contractors, scientist and interested parties with the status of water quality in the State Water Project (SWP). Your comments, questions and suggestions are welcome and can be directed to Austine Eke @ 916-653-7227 or Cindy Garcia @ 916-653-7213. To view WQ data from any of the 15 automated stations along the SWP, visit: <http://www.wmq.water.ca.gov> and click the "Autostation Data" link on the left side navigation bar.

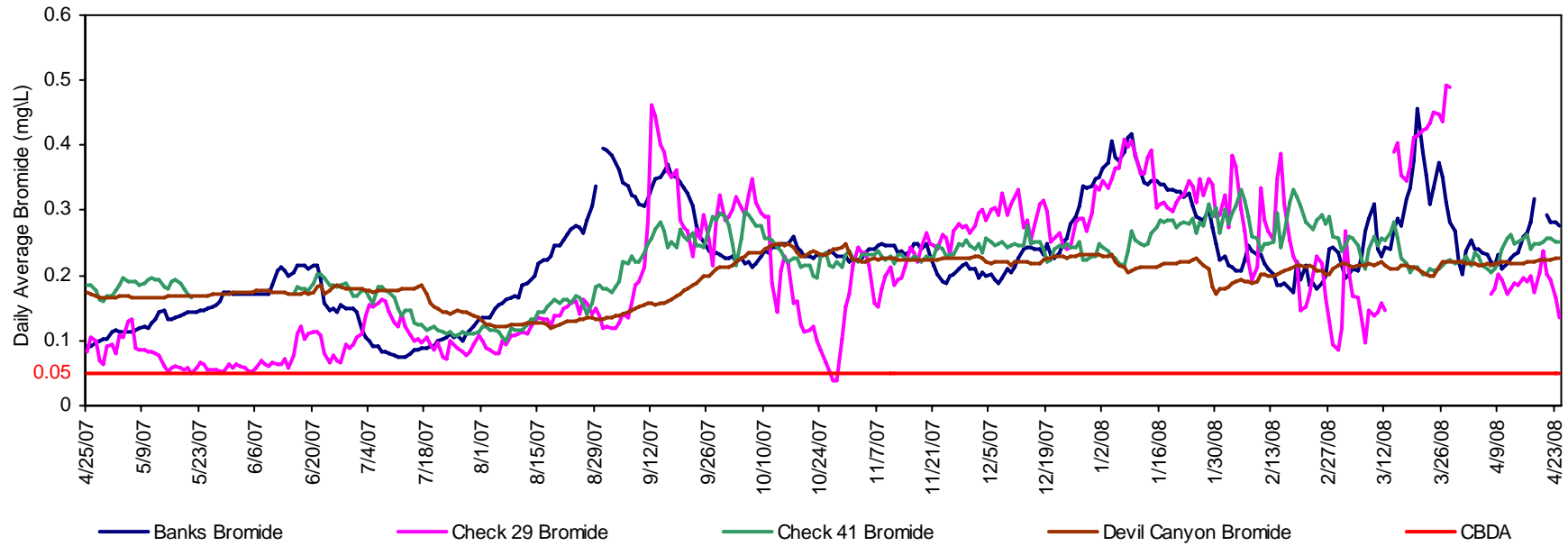
California Aqueduct - Calculated Total Dissolved Solids



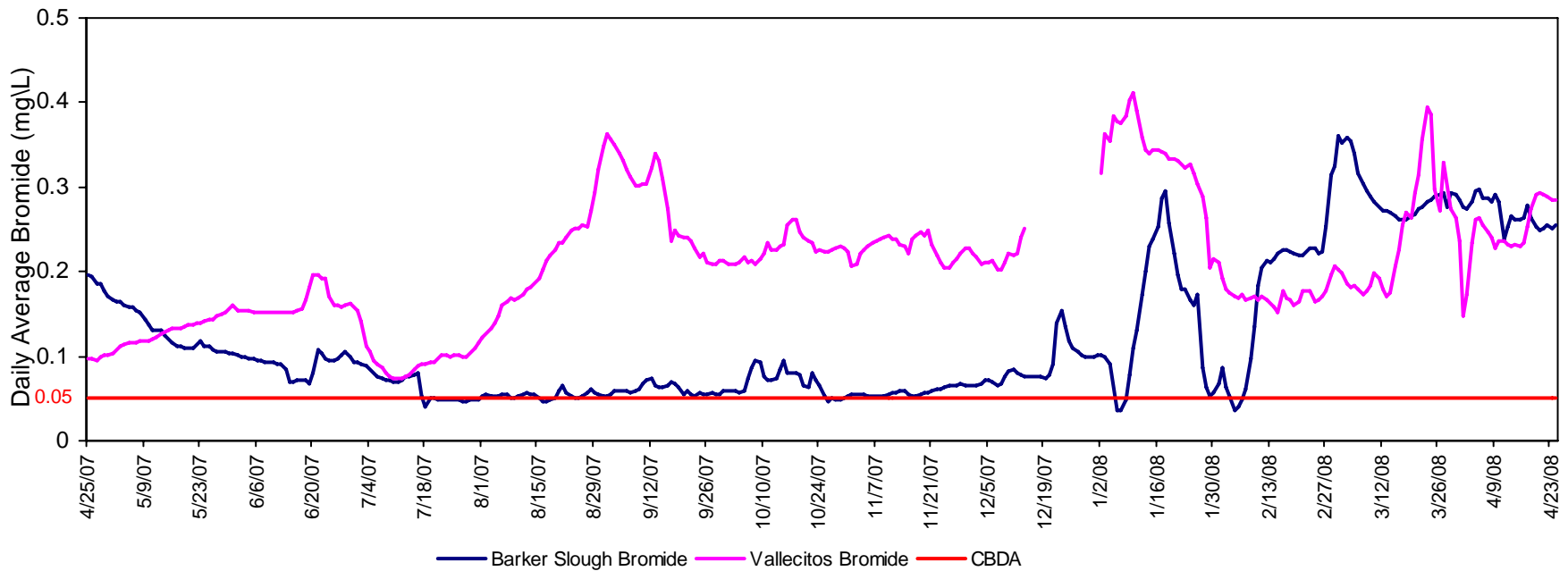
North and South Bay Aqueduct - Calculated Total Dissolved Solids



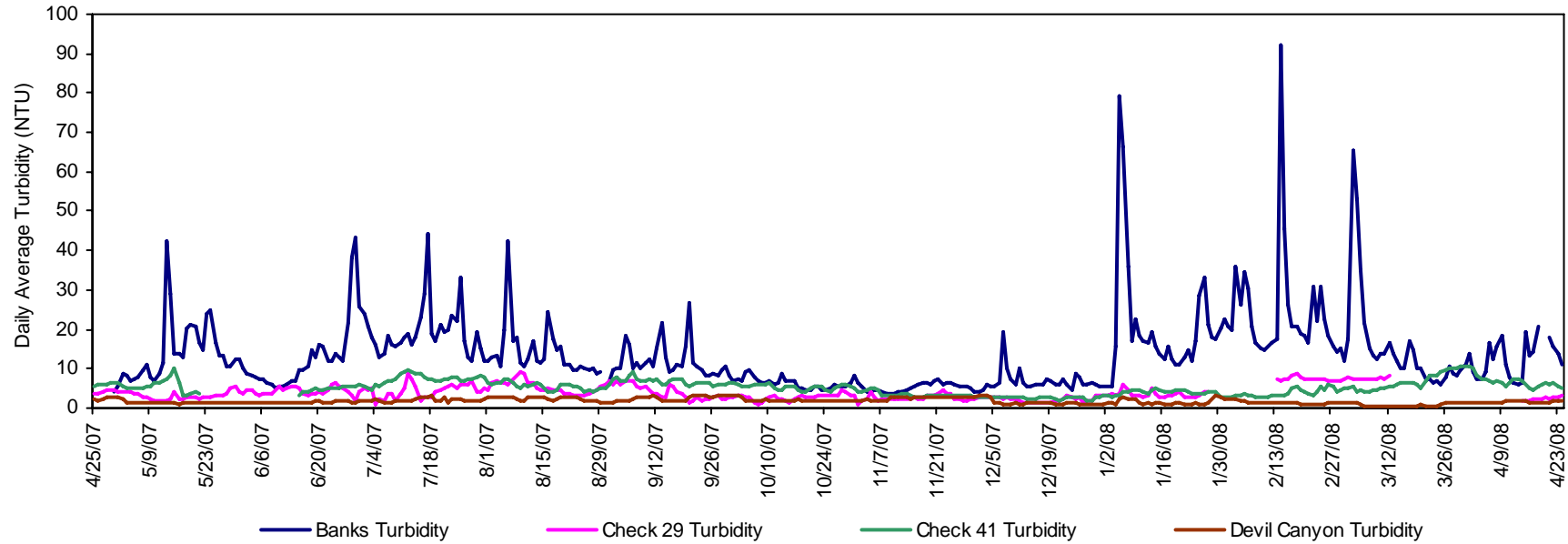
California Aqueduct - Calculated Bromide



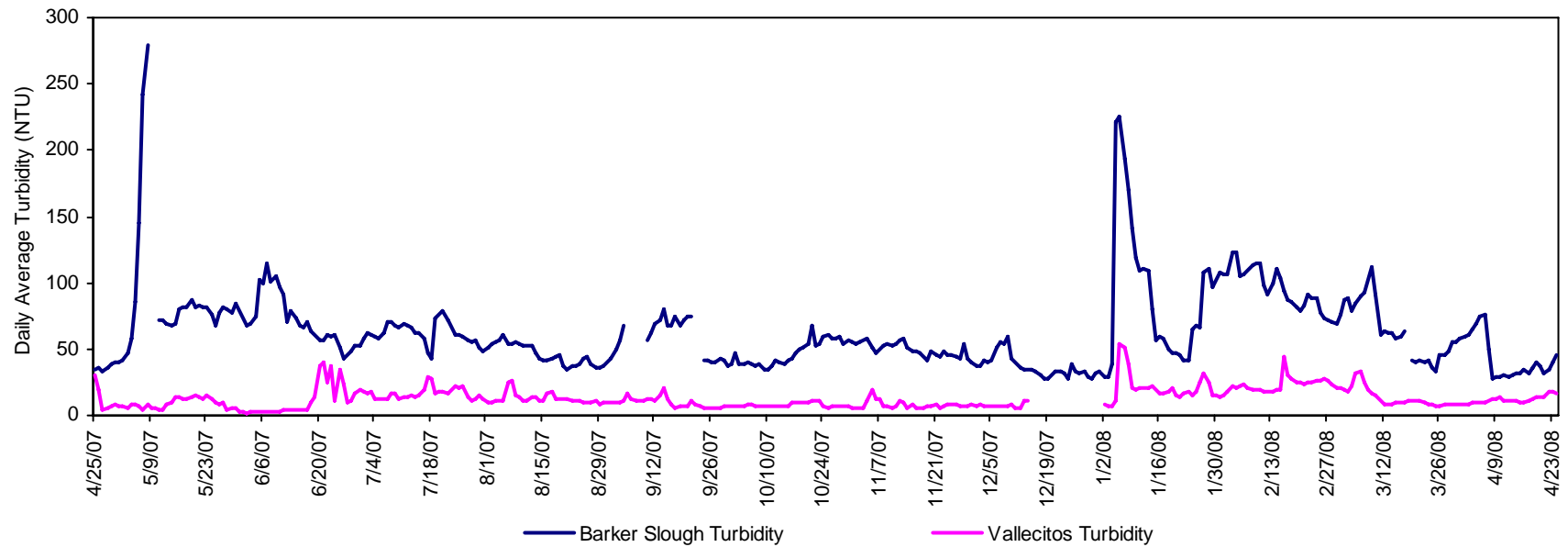
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

